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WHAT IS CLAIMED IS:

- 1. A method of managing data stored in a queue in memory, the method comprising: reading data from a head of the queue;
 - updating the location of a latest read pointer to a location corresponding to the end of the data;

transferring the data to a destination; and,

upon receiving confirmation that the data transfer was successful, updating the location of a committed read pointer to a location corresponding to the end of the data.

- 2. A method as claimed in claim 1, further comprising:
 - upon receiving no confirmation or a negative confirmation that the data transfer was successful;
 - updating the location of the latest read pointer to assume the location of the committed read pointer.
- 3. A method according to either preceding claim, further comprising: storing the latest read pointer location and the committed read pointer location, and using the latest read pointer and the committed read pointer to manage data subsequently read from a second queue.
- 4. A method according to either of claims 1 and 2, further comprising:

reading second data from the head of the queue;

updating the location of a second latest read pointer to a location corresponding to the end of the second data;

transferring the second data to the destination; and,

upon receiving confirmation that the transfer of the second data was successful, removing the second latest read pointer from the location corresponding to the end of the second data.

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- 5. A method as claimed in claim 1, further comprising:
 - writing data to a tail of the queue;
 - updating the location of a latest write pointer to a location corresponding to the end of the data; and,
- upon receiving confirmation that the received data is correct, updating the location of a committed write pointer to a location corresponding to the end of the data.